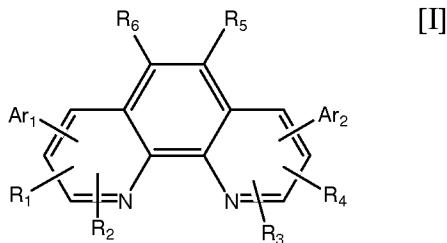


(b) Amendments to the Claims

Please cancel claims 4-15 without prejudice or disclaimer and amend claims 1-3 as follows. A detailed listing of the claims is provided which replaces all earlier versions.

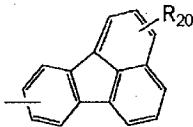
1. (Currently Amended) A phenanthroline compound represented by the general formula [I]:



[[()]]wherein R₁, R₂, R₃, R₄, R₅ and R₆ are the same or different and each is selected from a hydrogen atom, ~~a methyl an unsubstituted or substituted alkyl group~~ and a ~~an C_t-unsubstituted or substituted aralkyl group, an unsubstituted or substituted aryl phenyl group, an unsubstituted or substituted heterocyclic group, and a halogen atom~~; and Ar₁ and Ar₂ are the same or different and each is selected from ~~an unsubstituted or substituted fluorenyl group~~ ~~an unsubstituted or substituted fluoranthenyl group~~ ~~an unsubstituted or substituted perlylenyl group, and an unsubstituted or substituted carbazolyl group~~ the ~~a fluorenyl group represented by the general formula [IV]~~:



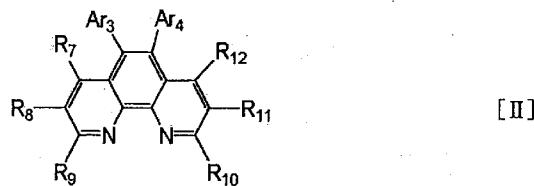
wherein R₁₇ is selected from a hydrogen atom, an unsubstituted or substituted alkyl group, an unsubstituted or substituted aralkyl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted heterocyclic group, a substituted amino group, a cyano group, and a halogen atom; and R₁₈ and R₁₉ are the same or different and each is selected from a hydrogen atom, an unsubstituted or substituted alkyl group, an unsubstituted or substituted aralkyl group, an unsubstituted or substituted aryl group, and an unsubstituted or substituted heterocyclic group and a fluoranthenyl group represented by the general formula [V]:



[V]

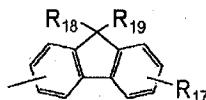
wherein R₂₀ is selected from a hydrogen atom, an unsubstituted or substituted alkyl group, an unsubstituted or substituted aralkyl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted heterocyclic group; a substituted amino group, a cyano group, and a halogen atom.

2. (Currently Amended) A phenanthroline compound represented by the general formula [II]:



[II]

[[()]]wherein R₇, R₈, R₉, R₁₀, R₁₁ and R₁₂ are the same or different and each is selected from a hydrogen atom, a methyl an unsubstituted or substituted alkyl group, an and a phenyl unsubstituted or substituted aralkyl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted heterocyclic group, and a halogen atom; and Ar₃ and Ar₄ and are the same or different and each is selected from a fluorenyl group represented by the general formula [IV]:



[IV]

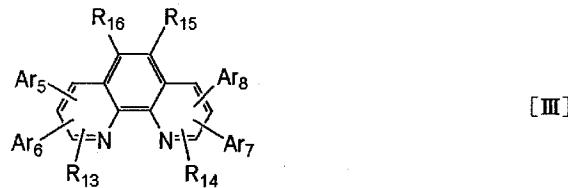
wherein R₁₇ is selected from a hydrogen atom, an unsubstituted or substituted alkyl group, an unsubstituted or substituted aralkyl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted heterocyclic group, a substituted amino group, a cyano group, and a halogen atom; and R₁₈ and R₁₉ are the same or different and each is selected from a hydrogen atom, an unsubstituted or substituted alkyl group, an unsubstituted or substituted aralkyl group,

an unsubstituted or substituted aryl group, and an unsubstituted or substituted heterocyclic group
and a fluoranthenyl group represented by the general formula [V]:



wherein R₂₀ is selected from a hydrogen atom, an unsubstituted or substituted alkyl group, an
unsubstituted or substituted aralkyl group, an unsubstituted or substituted aryl group, an
unsubstituted or substituted heterocyclic group; a substituted amino group, a cyano group, and a
halogen atom ~~an unsubstituted or substituted fluorenyl group, an unsubstituted or substituted~~
~~fluoranthenyl group, an unsubstituted or substituted perylenyl group, and an unsubstituted or~~
~~substituted carbazoyl group).~~

3. (Currently Amended) A phenanthroline compound represented by the general formula [III]:



[[()]]wherein R₁₃, R₁₄, R₁₅ and R₁₆ are the same or different and each is selected from a hydrogen atom, a methyl an unsubstituted or substituted alkyl group[[],] and a phenyl an unsubstituted or substituted aralkyl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted heterocyclic group, and a halogen atom; and Ar₅, Ar₆, Ar₇ and Ar₈ are the same or different and each is selected from a fluorenyl group represented by the general formula [IV]:



wherein R₁₇ is selected from a hydrogen atom, an unsubstituted or substituted alkyl group, an
unsubstituted or substituted aralkyl group, an unsubstituted or substituted aryl group, an

unsubstituted or substituted heterocyclic group, a substituted amino group, a cyano group, and a halogen atom; and R₁₈ and R₁₉ are the same or different and each is selected from a hydrogen atom, an unsubstituted or substituted alkyl group, an unsubstituted or substituted aralkyl group, an unsubstituted or substituted aryl group, and an unsubstituted or substituted heterocyclic group and a fluoranthenyl group represented by the general formula [V]:



wherein R₂₀ is selected from a hydrogen atom, an unsubstituted or substituted alkyl group, an unsubstituted or substituted aralkyl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted heterocyclic group; a substituted amino group, a cyano group, and a halogen atom an unsubstituted or substituted fluorenyl group, an unsubstituted or substituted fluoranthenyl group, an unsubstituted or substituted perylenyl group, and an unsubstituted or substituted carbazolyl group).

4.-15. (Cancelled)

16. (Withdrawn) An organic light emitting device comprising a pair of electrodes consisting of an anode and a cathode, and a layer comprising an organic compound comprising the phenanthroline compound set forth in claim 1, interposed between the pair of electrodes.

17. (Withdrawn) An organic light emitting device comprising a pair of electrodes consisting of an anode and a cathode, and a layer comprising an organic compound comprising the phenanthroline compound set forth in claim 2, interposed between the pair of electrodes.

18. (Withdrawn) An organic light emitting device comprising a pair of electrodes consisting of an anode and a cathode, and a layer comprising an organic compound comprising the phenanthroline compound set forth in claim 3, interposed between the pair of electrodes.

19. (Withdrawn) The organic light emitting device according to claim 18, wherein the layer comprising the organic compound comprising the phenanthroline compound functions as an electron transporting layer or a light emitting layer.